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XP-002136415

AN - 1986-064894 [10]

AP - JP19840136155 19840629

PR - JP19840136155 19840629

TI - Oil-in-alcohol or -water emulsion - contg. water-soluble polyphenol(s)

esp. catechin in alcohol or water phase

IW - OIL ALCOHOL WATER EMULSION CONTAIN WATER SOLUBLE POLYPHENOL CATECHIN
ALCOHOL WATER PHASE

PA - (POKK) POLA KASEI KOGYO KK

PN - JP61015732 A 19860123 DW198610 005pp

ORD - 1986-01-23

IC - A23L1/03 ; B01F17/40 ; B01J13/00

FS - CPI

DC - B07 D13 D21

AB - J61015732 Emulsion has in its outer phase (alcohol or water) water soluble polyphenols (1) with more than 4 phenolic OH gps. Pref. (1) are catechins including catechin, epicatechin, catechin gallate, gallic catechin gallate, quercetin, epicatechin gallate or epigallocatechin. Antioxidants are added in the inner phase (oil phase). Metal chelating agents are added in the outer phase.

- The emulsion is prepd. by adding oil-soluble substances into an aq. soln. in which (1) and other water-soluble substances are dissolved; and mixing uniformly at 70-90 deg.C. The amt. of (1) mixed is 0.001-0.5 wt.%; 0.003-0.5 wt.% in face cream, 0.001-0.3 wt.% in milky lotion, 0.001-0.5 wt.% in foods.

- USE/ADVANTAGE - The emulsion has improved stability against (photo)oxidn., used for cosmetics like milky lotion, cream, or foundation; foods like cream, paste, or mayonnaisse; or as a base for medicines. (5pp Dwg.No.0/0)